INTERNATIONAL SEARCH REPORT

Int Ional Application No

		PCT,	/BR2004/000003
A. CLASSIF	FICATION OF SUBJECT MATTER C01G33/00		
110 /	552450, 55		
	Internalism I Patron Claration (ISO) and National Control	votion and IPO	
	International Patent Classification (IPC) or to both national classific	callon and IPC	
	cumentation searched (classification system followed by classificat	tion symbols)	
IPC 7	CO1G		
Documentati	ion searched other than minimum documentation to the extent that	such documents are included in	the fields searched
	ata base consulted during the international search (name of data b	ase and, where practical, search	terms used)
EPO-Int	ternal, WPI Data		
1			
	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with Indication, where appropriate, of the re	elevant passages	Relevant to claim No.
χ	US 6 391 275 B1 (FIFE JAMES A)		23,24
^	21 May 2002 (2002-05-21)		23,24
	column 1, lines 25-30		00
X X	column 4, lines 6,7 column 4, lines 7-9		22 21
X	column 3, lines 24-28		2
X	column 3, lines 33-35		3
х	US 6 416 730 B1 (FIFE JAMES A)		1-24
1	9 July 2002 (2002-07-09)		
	the whole document		
E	WO 2004/042095 A (TAGUSAGAWA SOL		1-24
	YASUHIKO ; COMPANHIA BRASILEIRA		
	(BR)) 21 May 2004 (2004-05-21) the whole document		
]		,	
]	-/	
[v]	har documente are listed in the continuation of the Co	V Patent familie ma - h	s are listed in anney
	ther documents are listed in the continuation of box C.	X Patent family member	io are noted in diffica.
	ategories of cited documents:	"T" later document published a	after the International filing date conflict with the application but
consid	ent defining the general state of the art which is not dered to be of particular relevance		rinciple or theory underlying the
filing o		"X" document of particular rele cannot be considered nov	evance; the claimed invention velor cannot be considered to
which	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another	involve an inventive step "Y" document of particular rele	when the document is taken alone evance; the claimed invention
O docum	on or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or	cannot be considered to i document is combined wi	involve an inventive step when the ith one or more other such docu-
P docume	means ent published prior to the international filing date but	in the art.	being obvious to a person skilled
later t	than the priority date claimed actual completion of the international search	*&* document member of the s	
2ale 01 (116	Ribbe information of the international section		
1	l October 2004	11/10/2004	
Name and	mailing address of the ISA	Authorized officer	
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tol. (121-70) 340, 2000 TV 21 651 oog al		
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Arnotte, E	

INTERNATIONAL SEARCH REPORT

Int onal Application No
PCT/BR2004/00003

Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Jaicyory		
X X X X	US 2003/104923 A1 (NAITO KAZUMI ET AL) 5 June 2003 (2003-06-05) the whole document claims 7-18 claims 7,18 claims 8-15 claim 20	1-17 18-20 21 22 23
		·

INTERNATIONAL SEARCH REPORT

information on patent family members

Ini lonal Application No
PCT/BR2004/000003

		Τ		BK20047 000003
Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 6391275 B1	21-05-2002	AT AU AU	244685 T 757379 B2 6041299 A	15-07-2003 20-02-2003 03-04-2000
		BR CN	9913828 A	18-12-2001
		CZ	1320103 T 20010952 A3	31-10-2001 13-02-2002
		DE	69909494 D1	14-08-2003
		DE	69909494 T2	27-05-2004
		DK	1115658 T3	27-10-2003
		EP	1357086 A1	29-10-2003
		EP ES	1115658 A1 2198990 T3	18-07-2001 01-02-2004
		HK	1040231 A1	13-02-2004
		JP	2002524378 T	06-08-2002
		PT	1115658 T	28-11-2003
		TW	460414 B	21-10-2001
ł		US	2002135973 A1	26-09-2002
		US WO	2002141936 A1 0015555 A1	03-10-2002 23-03-2000
į		US	2003003044 A1	02-01-2003
}		ÜS	6416730 B1	09-07-2002
		US	2004033183 A1	19-02-2004
İ		US	6373685 B1	16-04-2002
, 		US 	2001036056 A1	01-11-2001
US 6416730 B	1 · 09-07-2002	US	6391275 B1	21-05-2002
		AT AU	244685 T 757379 B2	15-07-2003
		AU	6041299 A	20-02-2003 03-04-2000
		BR	9913828 A	18-12-2001
		CN	1320103 T	31-10-2001
		CZ	20010952 A3	13-02-2002
		DE De	69909494 D1 69909494 T2	14-08-2003
		DK	1115658 T3	27-05-2004 27-10-2003
·		EP	1357086 A1	29-10-2003
		EP	1115658 A1	18-07-2001
		ES	2198990 T3	01-02-2004
		HK	1040231 A1	13-02-2004
		JP PT	2002524378 T 1115658 T	06-08-2002 28-11-2003
		TW	460414 B	21-10-2001
		US	2002135973 A1	26-09-2002
		MO	0015555 A1	23-03-2000
		US	2003003044 A1	02-01-2003
		US US	2004033183 A1 6373685 B1	19-02-2004 16-04-2002
		US	2001036056 A1	01-11-2001
		US	2002141936 A1	03-10-2002
		AU	758081 B2	13-03-2003
		AU	6045599 A	03-04-2000
		BR	9913728 A	15-01-2002
1		CN CZ	1320104 T 20010953 A3	31-10-2001 13-02-2002
		EP	1115659 A1	
		ĴΡ	2002524379 T	06-08-2002
		RU	2230031 C2	10-06-2004
		TW	500696 B	01-09-2002
L				

NIENNA HONAL SEANOH INEFON

Information on patent family members

Int Ional Application No
PCT/BR2004/00003

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6416730	B1		WO	0015556	A1	23-03-2000
			US	6322912	B1	27-11-2001
			US	2002028175	A1	07-03-2002
WO 2004042095	Α	21-05-2004	BR	0204587	———— А	29-06-2004
			WO	2004042095	A1	21-05-2004
US 2003104923	A1	05-06-2003	US	2003170169	 A1	11-09-2003
20 200020			BR	0205343	Α	24-06-2003
			BR	0205345	Α	22-04-2003
			CA	2419291	A1	21-11-2002
			CA	2420162	A1	28-02-2003
			CN	1463456	T	24-12-2003
			EP	1402079	A2	31-03-2004
			EP	1388870	A1	11-02-2004
			WO	02092864	A2	21-11-2002
			WO	02093596	A1	21-11-2002
			JP	2003213302	Α	30-07-2003
			US	2003218857	A1	27-11-2003